# GOVERNMENT OF INDIA
# CIVIL AVIATION
# LOK SABHA

UNSTARRED QUESTION NO:2775
ANSWERED ON:11.08.2005
GAGAN PROJECT
Vallabbhaneni Shri Balashowry

**Will the Minister of CIVIL AVIATION be pleased to state:**

(a) whether Airports Authority of India has undertaken a GAGAN project with ISRO;

(b) if so, the details thereof;

(c) the total cost of the project; and

(d) the major advantages of the project to AAI?

## Answer

- MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF CIVIL AVIATION ( SHRI PRAFUL PATEL )

(a): Yes, Sir.

(b): GAGAN system uses the Geo Positioning System (GPS) Constellation. GPS signal is augmented by GAGAN to achieve requisite accuracy, reliability, integrity and availability for civil aviation use. AAI and ISRO are developing the infrastructure of GAGAN, which will process the GPS and augmented signal simultaneously to improve their positional accuracy under dynamic conditions.
v (c)The total cost of the Project will be known only after the Detailed Project Report is finalised.

(d) Major advantages of the project interalia include seamless navigation over Indian airspace and precision approaches at all Indian airports.